

DECLARATION AND POWER OF ATTORNEY

As a below named inventor (s), I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

BI-DIRECTIONAL WAVELENGTH DIVISION MULTIPLEXING SELF-HEALING OPTICAL RING NETWORK

,the specification of which is attached hereto unless the following box is checked:

☐ was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulation, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

<u>2003-27671</u>	<u>Republic of Korea</u>	<u>30/04/2003</u>	Priority Claimed
(Number)	(Country)	(Day/Month/Year Filed)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year Filed)	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of the Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulation, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

_____ (Application Number)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)
_____ (Application Number)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)

POWER OF ATTORNEY: I hereby appoint as my attorneys and other attorneys or agents the registered persons identified under

CUSTOMER NUMBER

CUSTOMER NUMBER

33942

for the law firm of CHA & REITER, said attorneys or agents with full power of substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Address all correspondence to: Steve S. Cha, Esq.
CHA & REITER
210 Route 4 East
Suite #103
Paramus, NJ 07652.

CUSTOMER NUMBER
33942

Address all telephone calls to: (201)518-5518;

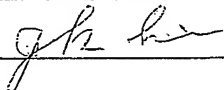
I (we) hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Jong-Kwon KIM
Residence Address: 146-12, Kayang 2-dong, Tong-gu, Taejonkwangyok-shi,
Republic of Korea
Post office address: Same as above
Citizenship: Republic of Korea

Date:

Jan. 29, 2004

Signature:

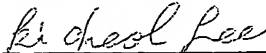


Full name of Second inventor: Ki-Cheol LEE
Residence Address: #201-1701, Wonchon Jugong 2-danji APT., Wonchon-dong,
Paldal-gu, Suwon-shi, Kyonggi-do, Republic of Korea
Post office address: Same as above
Citizenship: Republic of Korea

Date:

Jan. 29, 2004

Signature:

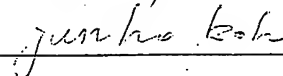


Full name of Third inventor: Jun-Ho KOH
Residence Address: #231-601, Hwanggolmaeul Pungrim APT., Youngtong-dong,
Paldal-gu, Suwon-shi, Kyonggi-do, Republic of Korea
Post office address: Same as above
Citizenship: Republic of Korea

Date:

January 29, 2004

Signature:



Assignment of Invention and Patent Application

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of TEN (\$10.00) DOLLAR,

- 1) Jong-Kwon KIM of
146-12, Kayang 2-dong, Tong-gu, Taejonkwangyok-shi, Republic of Korea
- 2) Ki-Cheol LEE of
#201-1701, Wonchon Jugong 2-danji APT., Wonchon-dong, Paldal-gu, Suwon-shi,
Kyonggi-do, Republic of Korea
- 3) Jun-Ho KOH
#231-601, Hwanggolmaeul Pungrim APT., Youngtong-dong, Paldal-gu, Suwon-shi,
Kyonggi-do, Republic of Korea

(hereinafter Assignor) hereby sells, assigns, transfers, and sets over unto:

SAMSUNG ELECTRONIC CO., LTD. of
416, MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, REPUBLIC
OF KOREA

(hereinafter Assignee) the entire right, title and interest for the United States Of America as defined in 35 U.S.C. § 1.00, in and to the invention entitled as:

BI-DIRECTIONAL WAVELENGTH DIVISION MULTIPLEXING SELF-HEALING OPTICAL RING NETWORK

invented by Assignor; the application for United States patent therefor, invented by Assignor; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. Assignor authorizes Assignee to enter the date of signature and/or Serial Number and Filing Date in the above. Assignor also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said Assignee, for its interests as Assignee, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said Assignee; and Assignor further conveys to Assignee all priority rights resulting from the above-identified application for United States Patent. Assignor agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by Assignee to perfect Assignee's interest in any resulting patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and Assignee's interest therein.

SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of First Inventor: Jong-Kwon KIM

Jong Kwon Kim
Signature of inventor

Dated: Jan. 29, 2004

WITNESSED: Jong-Hee KIM

Name of Second Inventor: Ki-Cheol LEE

Ki Cheol Lee
Signature of inventor

Dated: Jan. 29, 2004

WITNESSED: Jong-Hee KIM

Name of Third Inventor: Jun-Ho KOH

Jun ho koh
Signature of inventor

Dated: January 29, 2004

WITNESSED: Jong-Hee KIM

RECORDATION FORM COVER SHEET
PATENTS ONLY

Attorney Docket No. 5000-1-426

To the Assistant Commissioner for Patents

1. Name of conveying party(ies):

Jong-Kwon Kim; Ki-Cheol Lee; Jun-Ho Koh

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

Other: _____

Execution Date: January 29, 2004

2. Name and address of receiving party(ies):

Name: SAMSUNG ELECTRONICS CO., LTD.

Address: 416, MAETAN-DONG, YEONGTONG-GU

SUWON-SI, GYEONGGI-DO

REPUBLIC OF KOREA

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: January 29, 2004

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Steve Cha

Address: CHA & REITER
210 Route 4 East, Suite #103
Paramus, New Jersey 07652

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

☒ Enclosed

☒ Authorized to be charged to deposit account, if necessary - for overages or underpayments only

8. Deposit account number: 502-470

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Steve Cha, Reg No.44,069
Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

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